

Claims:

1. A method of recovering factor VIII/vWF-complex, characterized in that factor VIII/vWF-complex from a protein solution is bound to a cation exchanger and is recovered by step-wise elution of factor VIII/vWF-complex, which particularly contains high-molecular vWF-multimers.
2. A method according to claim 1, characterized in that factor VIII/vWF-complex is bound to a cation exchanger at a salt concentration of ≤ 250 mM, and factor VIII/vWF-complex containing low-molecular vWF multimers, factor VIII free from platelet agglutinating vWF activity and factor VIII:C is eluted at a salt concentration of between ≥ 250 mM and ≤ 300 mM and recovered.
3. A method according to claim 1 or 2, characterized in that factor VIII/vWF-complex particularly containing high-molecular vWF multimers is recovered by step-wise fractionation at a salt concentration of ≥ 300 mM, preferably ≥ 350 mM.
4. A method according to claim 3, characterized in

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chromatography and step-wise elution at a salt concentration of between ≥ 200 mM and ≤ 300 mM.

13. A preparation containing factor VIII/vWF-complex or factor VIII:C according to any one of claims 11 or 12, characterized in that it is virus-safe and free from infectious material.

14. A preparation according to claim 13, characterized in that it is present in storage-stable form.

15. A preparation according to any one of claims 13 or 14, characterized in that it is formulated as a pharmaceutical preparation.

16. The use of a preparation according to any one of claims 13 to 15 for producing a medicament for the treatment of patients suffering from hemophilia A, phenotypical hemophilia and vWD.

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 _____ A... _____
 Amendment Including Elections
 02/11/01 _____ ABST _____
 Abstract
 _____ ADS _____
 Application Data Sheet
 _____ AF/D _____
 Affidavit or Exhibit Received
 _____ APPENDIX _____
 Appendix
 _____ ARTIFACT _____
 Artifact
 _____ BIB _____
 Bib Data Sheet
 _____ CLM _____
 Claim
 _____ COMPUTER _____
 Computer Program Listing
 _____ CRFL _____
 All CRF Papers for Backfile
 _____ DIST _____
 Terminal Disclaimer Filed
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 Drawings
 _____ FOR _____
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 IDS Including 1449

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 Non-Patent Literature
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 _____ EXIN _____
 Examiner Interview
 _____ M903 _____
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 _____ M905 _____
 DO/EO Missing Requirement
 _____ NFDR _____
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 _____ NOA _____
 Notice of Allowance
 _____ PETDEC _____
 Petition Decision

OUTGOING

_____ CTMS _____
 Misc. Office Action
 _____ 1449 _____
 Signed 1449
 _____ 892 _____
 892
 _____ ABN _____
 Abandonment
 _____ APDEC _____
 Board of Appeals Decision
 _____ APEA _____
 Examiner Answer
 _____ CTAV _____
 Count Advisory Action
 _____ CTEQ _____
 Count Ex parte Quayle
 _____ CTFR _____
 Count Final Rejection

_____ AP.B _____
 Appeal Brief
 _____ C.AD _____
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A Method of Purifying Factor VIII/vWF-Complex by Means
of Cation Exchange Chromatography

A b s t r a c t :

There is disclosed a method of recovering factor VIII/vWF-complex which is characterized in that factor VIII/vWF-complex from a protein solution is bound to a cation exchanger and is recovered by step-wise elution of factor VIII/vWF-complex, which particularly contains high-molecular vWF multimers, as well as a factor VIII/vWF-complex obtainable by means of cation exchange chromatography.

Fig. 1